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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/831,440	05/09/2001	Andreas Berg	112740-168	4311

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EXAMINER

RAMPURIA, SHARAD K

ART UNIT	PAPER NUMBER
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2683

DATE MAILED: 08/27/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/831,440

Applicant(s)

BERG ET AL.

Examiner

Sharad K. Rampuria

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 12-22 is/are pending in the application.
- 4a) Of the above claim(s) 1-11 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 12-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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### **DETAILED ACTION**

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Verdonk, Timothy C., Boylan et al., Bjorn, Nguyen, Viet Anh, Patel, Mahesh, Lee, Man Yiu

#### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 12-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jonsson in view of Keller et al.

12. Regarding Claim 12, Jonsson disclosed A method for implementing a call back service in a mobile radio network (Abstract) , the method comprising the steps of:  
transmitting a service call from a calling party (90; fig.4), via a first mobile switching center (MSC; 120; fig.4) in a first subnetwork, to a home location register;  
forwarding the service call by the home location register to a service control point. (410; fig.4)

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analyzing the service call by the service control point, including information relating to the calling party and a called party (col.2; 38-66 & col.3; 51- col.4; 21 & col.6; 39-65)

Jonsson fails to disclosed initiating a first call set-up to the calling party; and initiating a second call set-up to the called party. However, Keller teaches in an analogous art, that initiating a first call set-up to the calling party; and initiating a second call set-up to the called party. (col.10; 42-58) Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to include initiating a first call set-up to the calling party; and initiating a second call set-up to the called party in order to provide a call back feature in mobile during roaming.

13. Regarding Claim 13, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 12, wherein both the first and second call set-up are initiated by a second mobile switching center in a second subnetwork. (col.6; 39-65)

14. Regarding Claim 14, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 13, the method further comprising the step of:

sending, via the service control point, a connection set-up request to the second switching center. (col.6; 39-65)

15. Regarding Claim 15, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the step of:

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starting a function in the home location register by a header in the service call. (col.2; 38-66)

16. Regarding Claim 16, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 15, wherein the service call is supplemented by a call number of the calling party by the home location register before being forwarded to the service control point. (col.2; 38-66)

17. Regarding Claim 17, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the step of:

acknowledging receipt of the service call to the calling party by the service control point. (col.3; 51- col.4; 21)

18. Regarding Claim 18, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the step of:

generating charging information via the second switching center upon successful call set-up. (col.3; 20-44)

19. Regarding Claim 19, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the step of:

ending the service call, which is an intelligent service call, in an ordered manner by the respective service upon an unsuccessful call set-up. (col.6; 26-38)

20. Regarding Claim 20, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the steps of: subscribing, by the subscriber, to a further intelligent network service; sending, via the service control point, a connection set-up request to the second switching center; and supplementing the connection set-up request by an identity of the further intelligent network service. (col.5; 48 – col.6; 38)

21. Regarding Claim 21, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the step of suppressing, at the service control point, intelligent network dialogues produced with respect to the call originally received as a mobile terminated call. (col.5; 48 – col.6; 38)

22. Regarding Claim 22, Jonsson disclosed A method for implementing a call back service in a mobile radio network as claimed in claim 20, the method further comprising the steps of: requesting a connection set-up to the called party after the successful connection set-up to the calling party; and supplementing a number originally dialed by an identity of the service control point responsible for the further intelligent network service. (col.5; 48 – col.6; 38)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharad Rampuria whose telephone number is 703-308-4736. The examiner can normally be reached on Mon-Thu. (6:30-4:00) alternate Fri.( 6:30-3:00).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 703-308-5318. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

Sharad K. Rampuria  
August 25, 2003

WILLIAM TROST  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600